

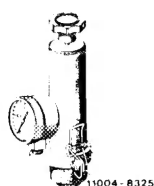
20–230 Removal and installation of water pump housing

| Tightening torques | | Nm | (kpm) |
|----------------------------------|------------|---------------------|------------|
| Radiator drain plug | type 115.1 | 6–10 | (0.6–1) |
| | type 123.1 | 1.5–2 ¹⁾ | (0.15–0.2) |
| Water pump to water pump housing | | 9 | (0.9) |
| Fan to water pump | | 25 | (2.5) |

¹⁾ This torque can be set by means of a washer or a coin.

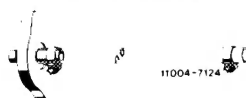
Special tools

Tester for cooling system



001 589 48 21 00

Radiator cap with hose for leak test



605 589 00 25 00

Socket 27 mm, 1/2" square for rotating engine

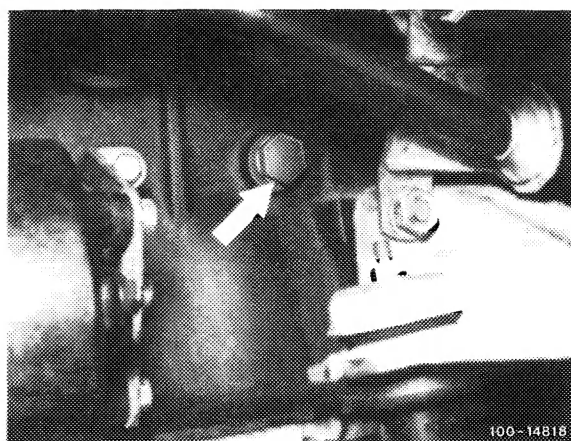


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Removal

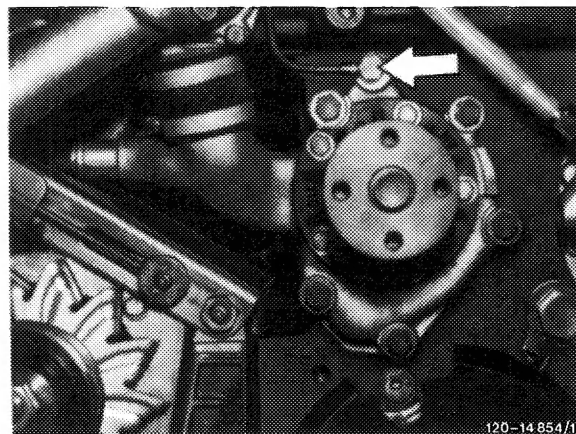
- 1 Completely drain coolant (20–010).
- 2 Remove radiator (20–420).
- 3 Unscrew fan.
- 4 Slacken V-belt and remove.

Drain plug on cylinder crankcase



- 5 On engine 617, remove pulley and vibration damper.
- 6 Disconnect heating water return hose on water pump housing.
- 7 Disconnect hose between thermostat and water pump housing.

- 8 Unscrew vent line from water pump housing (arrow).
- 9 Unscrew water pump housing and remove together with water pump.



Installation

- 10 Position water pump housing with new gasket and screw down.
- 11 For further installation proceed vice versa to removal.
- 12 Add coolant (20-010).
- 13 Pressure-test cooling system with tester.